

U.S. ENVIRONMENTAL PROTECTION AGENCY

GREENHOUSE GAS REGULATIONS

“ENDANGERMENT FINDING” (See [EPA Climate Change Regulatory Initiatives](#))

1. “*Endangerment and Cause or Contribute Findings for Greenhouse Gases Under Section 202(a) of the Clean Air Act,*” 74 Fed. Reg. 66496 (December 15, 2009) (“Endangerment Finding”); [Final Rule](#) (51 pages)

Additional EPA Links: [Links to Technical Support Document for Findings, Responses to Comments and Other Supporting Documents](#); see also “*EPA’s Denial of the Petitions To Reconsider the Endangerment Cause or Contribute Findings for Greenhouse Gases Under Section 202(a) of the Clean Air Act,*” 75 Fed. Reg. 49556-49594 (Aug. 13, 2010); [Final Rule](#) (39 pages)

TRANSPORTATION SECTOR (See [Transportation and Climate Regulations and Standards](#))

1. “*Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standard,*” 75 Fed. Reg. 25323 (May 7, 2010) (a/k/a “Tailpipe Rule”); [Final Rule](#) (405 pages)

Additional EPA Links: [Fact Sheet](#); [RIA](#); [EPA Link to Additional Information](#); see also “*Denial of Reconsideration Petition on Model Year 2012-2016 Light Duty Vehicle Greenhouse Gas Emissions Standards,*” 78 Fed. Reg. 5347- (Jan. 25, 2013); [Final Rule](#) (4 pages)

2. “*Greenhouse Gas Emissions Standards and Fuel Efficiency Standards: Medium- and Heavy-Duty Engines and Vehicle,*” 76 Fed. Reg. 57106 (Sept. 15, 2011) (a/k/a “Truck Rule”); [Final Rule](#) (408 pages)

Additional EPA Links: [Fact Sheet](#); [EPA Link to Additional Information](#); see also “*Denial of Petition to Reconsider: Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles,*” 77 Fed. Reg. 51709 (Aug. 27, 2012); [Final Rule](#) (5 pages)

3. “*2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Fuel Economy Standards,*” 77 Fed. Reg. 62624 (Oct. 15, 2012); [Final Rule](#) (576 pages)

Additional EPA Links: [Fact Sheet](#); [Press Release](#); [RIA](#); [EPA Link to Additional Information](#)

POWER PLANTS (See [“Carbon Pollution Standard for New Power Plants”](#))

1. “*Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units,*” 77 Fed. Reg. 22392 (“*Proposed Carbon Pollution Standard for Future Power Plants*”) (April 13, 2012); [Proposed Rule](#) (50 pages)

Additional EPA Links: [Fact Sheet](#); [RIA](#); [March 27, 2012 Press Release](#); [Settlement Agreement](#); [EPA Regulatory Tracker](#); [Link to Additional EPA Information](#); see also May 17, 2012 [Letter](#) to EPA, and June 28, 2012 [EPA Response](#).

PRECONSTRUCTION AND OPERATING PERMITS (See [CAA Permitting for GHGs](#))

GHG PERMITTING REQUIREMENTS

1. “*Reconsideration of Interpretation of Regulations that Determine Pollutants Covered by Clean Air Act Permitting Programs*,” 75 Fed. Reg. 17004 (April 2, 2010) (a/k/a “Timing Rule” or “Triggering Rule”); [Final Rule](#) (20 pages)

Additional EPA Links: [Fact Sheet](#)

2. “*Prevention of Significant Deterioration and Title V Greenhouse Gas Tailoring Rule; Final Rule*,” 75 Fed. Reg. 31514 (June 3, 2010) (a/k/a “Tailoring Rule”); [Final Rule](#) (95 pages)

Additional EPA Links: [Fact Sheet](#); [Permitting Timeline \(2011-2016\)](#); [Links to EPA GHG New Source Review Permitting Regulations and Standards](#); [Clean Air Act Permitting for Greenhouse Gases; Guidance and Technical Information](#); see also “[PSD and Title V Permitting Guidance for Greenhouse Gases](#)” (96 pages), interim guidance for [bioenergy production](#) (35 pages), and 8 “White Papers” issued in March 2011 relating to reducing GHG emissions from [electric generating units](#) (48 pages), [boilers](#) (39 pages), [pulp and paper](#) (62 pages), [cement](#) (48 pages), [iron and steel](#) (78 pages), [refineries](#) (42 pages), [nitric acid production](#) (31 pages) and [landfills](#) (28 pages). See also Guidance [Qs & As](#).

3. “*Action To Ensure Authority to Issue Permits Under the Prevention of Significant Deterioration Program to Sources of Greenhouse Gas Emissions: Finding of Substantial Inadequacy and SIP Call*,” 75 Fed. Reg. 77698 (December 13, 2010) (a/k/a “GHG SIP Call Rule”); [Final Rule](#) (22 pages)

Additional EPA Links: [Fact Sheet](#)

4. “*Action to Ensure Authority to Issue Permits Under the Prevention of Significant Deterioration Program to Sources of Greenhouse Gas Emissions: Finding of Failure To Submit State Implementation Plan Revisions Required for Greenhouse Gases*,” 75 Fed. Reg. 81874 (December 29, 2010) (a/k/a “Failure to Submit SIP Revisions Rule”); [Final Rule](#) (5 pages)

Additional EPA Links: [Fact Sheet](#)

5. “*Action to Ensure Authority to Issue Permits Under the Prevention of Significant Deterioration Program to Sources of Greenhouse Gas Emissions; Federal Implementation Plan*,” 75 Fed. Reg. 82246 (Dec. 30, 2010) (a/k/a “GHG FIP Rule”); [Final Rule](#) (9 pages)

Additional EPA Links: [Fact Sheet](#)

6. “*Determinations Concerning Need for Error Correction, Partial Approval and Partial Disapproval, and Federal Implementation Regarding Texas Prevention of Significant Deterioration Program*,” 75 Fed. Reg. 82430, and Proposed Rule, 75 Fed. Reg. 82365 (Dec. 30, 2010) (a/k/a “Error Correction Rule”); [Interim Final Rule](#); [Proposed Rule](#) (32 pages)

Additional EPA Links: [Fact Sheet](#)

7. “*Limitation of Approval of Prevention of Significant Deterioration Provisions Concerning Greenhouse Gas Emitting –Sources in State Implementation Plans*,” 75 Fed. Reg. 82336 (Dec. 30, 2010) (“Narrowing Rule” for PSD Permitting for GHGs); [Final Rule](#) (29 pages)

Additional EPA Links: [Fact Sheet](#)

8. *Action To Ensure Authority To Implement Title V Permitting Programs Under the Greenhouse Gas Tailoring Rule,* 75 Fed. Reg. 82254 (Dec. 30, 2010) (Final Title V Permitting Programs Under Tailoring Rule); [Final Rule](#) (16 pages)

Additional EPA Links: [Fact Sheet](#)

9. *"Determinations Concerning Need for Error Correction, Partial Approval and Partial Disapproval, and Federal Implementation Plan Regarding Texas's Prevention of Significant Deterioration Program,"* 76 Fed. Reg. 25178 (May 3, 2011); [Final Rule](#) (32 pages)

Additional EPA Links: [Fact Sheet](#)

10. *"Deferral for CO2 Emissions from Bioenergy and Other Biogenic Sources Under the Prevention of Significant Deterioration (PSD) and Title V Programs,"* 76 Fed. Reg. 43490 (July 20, 2011); [Final Rule](#) (19 pages)

11. *"Prevention of Significant Deterioration and Title V Greenhouse Gas Tailoring Rule Step 3 and GHG Plantwide Applicability Limits,"* 77 Fed. Reg. 41051 (July 12, 2012); [Final Rule](#) (25 pages)

Additional EPA Links: [Fact Sheet](#)

STATE IMPLEMENTATION PLANS - GHG PERMITTING REVISIONS

1. *"Removal of Limitation of Approval of Prevention of Significant Deterioration Provisions Concerning Greenhouse Gas Emitting-Sources in State Implementation Plans; **Alabama**,"* 76 Fed. Reg. 5272 (Jan. 31, 2011); [Final Rule](#) (3 pages)
2. *"Removal of Limitation of Approval of Prevention of Significant Deterioration Provisions Concerning Greenhouse Gas Emitting-Sources in State Implementation Plans, **Mississippi**,"* 76 Fed. Reg. 5274 (Jan. 31, 2011); [Final Rule](#) (3 pages)
3. *"Approval and Promulgation of Implementation Plans: **Alaska**: Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule Revision,"* 76 Fed. Reg. 7116 (Feb. 9, 2011); [Final Rule](#) (2 pages)
4. *"Approval and Promulgations of Implementation Plans: **Kansas**; Prevention of Significant Deterioration; Greenhouse Gas (GHG) Permitting Authority and Tailoring Rule Revision; Withdrawal of Federal GHG Implementation Plan for Kansas,"* 76 Fed. Reg. 9658 (Feb. 22, 2011); [Final Rule](#) (8 pages)
5. *"Approval and Promulgation of Implementation Plans: **Nebraska**: Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule Revision,"* 76 Fed. Reg. 15852 (March 22, 2011); [Final Rule](#) (4 pages)
6. *"Approval and Promulgation of Implementation Plans: **Connecticut**; Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule Revision,"* 76 Fed. Reg. 26933 (May 10, 2011); [Final Rule](#) (6 pages)
7. *"Approval and Promulgation of Air Quality Implementation Plans: **Virginia**; Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule Revision,"* 76 Fed. Reg. 27898 (May 13, 2011); [Final Rule](#) (7 pages)

8. "Approval and Promulgation of Air Quality Implementation Plans: **New Mexico**; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revisions," 76 Fed. Reg. 43149 (July 20, 2011); [Final Rule](#) (5 pages)
9. "Approval and Promulgation of Implementation Plans; **Georgia**: Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule and Fine Particulate Matter Revision," 76 Fed. Reg. 55572 (Sept. 8, 2011); [Final Rule](#) (6 pages)
10. "Approval and Promulgation of Air Quality Implementation Plans: **Indiana**; Prevention of Significant Deterioration Greenhouse Gas Tailoring Rule," 76 Fed. Reg. 59899 (Sept. 28, 2011); [Final Rule](#) (3 page)
11. "Approval and Promulgation of Implementation Plans: **North Carolina**; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revision," 76 Fed. Reg. 64240 (Oct. 18, 2011); [Final Rule](#) (5 pages)
12. "Approval and Promulgation of Implementation Plans; **Iowa**; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revision," 76 Fed. Reg. 67067 (Oct. 31, 2011); [Final Rule](#) (4 pages)
13. "Approval and Promulgation of Air Quality Implementation Plans: **New Mexico**; Albuquerque/Bernalillo County; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revisions," 76 Fed. Reg. 81836 (Dec. 29, 2011); [Final Rule](#) (3 pages)
14. "Approval and Promulgation of Implementation Plans: **New Hampshire**: Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule," 77 Fed. Reg. 5700 (Feb. 6, 2012); [Final Rule](#) (4 pages)
15. "Approval and Promulgation of Implementation Plans: **Tennessee**: Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revision," 77 Fed. Reg. 11744 (Feb. 28, 2012); [Final Rule](#) (5 pages)
16. "Approval and Promulgation of Implementation Plans: **Tennessee**: Prevention of Significant Deterioration; Greenhouse Gases-Automatic Rescission Provisions," 77 Fed. Reg. 12484 (March 1, 2012); [Final Rule](#) (5 pages)
17. "Approval and Promulgation of State Implementation Plans: **Missouri**; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule; New Source Review Reform," 77 Fed. Reg. 22500 (April 16, 2012); [Final Rule](#) (5 pages)
18. "Approval and Promulgation of Implementation Plans: **Vermont**: Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule; PM2.5 NSR Implementation Rule," 77 Fed. Reg. 60907 (Oct. 5, 2012); [Final Rule](#) (4 pages)
19. "Approval and Promulgation of Implementation Plans: **North Dakota**: Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule," 77 Fed. Reg. 64734 (Oct. 23, 2012); [Final Rule](#) (4 pages)
20. "Approval of Air Quality Implementation Plans: **California**; **South Coast Air Quality Management District**; Prevention of Significant Deterioration; Greenhouse Gases," 77 Fed. Reg. 73320 (Dec. 10, 2012); [Final Rule](#) (3 pages)

21. “Approval and Promulgation of Air Quality Implementation Plans; **Wisconsin**; Prevention of Significant Deterioration Greenhouse Gas Tailoring and Biomass Deferral Rule,” 77 Fed. Reg. 76430 (Dec. 28, 2012) [Proposed Rule](#) (5 pages)
22. “Approvals and Promulgations of Air Quality Implementation Plans; **Arkansas**; Prevention of Significant Deterioration; Greenhouse Gas Tailoring Rule Revisions,” 78 Fed. Reg. 2354 (Jan. 11, 2013); [Proposed Rule](#) (6 pages)
23. “Approvals and Promulgation of Air Quality Implementation Plans; **Delaware**; Prevention of Significant Deterioration; Greenhouse Gas Permitting Authority and Tailoring Rule Revision,” 78 Fed. Reg. 13496 (Feb. 28, 2013); [Final Rule](#) (2 pages)

GREENHOUSE GAS REPORTING RULES ([GHG Permitting Program](#))

Reporting Entities: Groups required to begin reporting in 2011 included: Power Plants; Landfills; Metals Manufacturing; Mineral Production; Petroleum Refineries; Pulp and Paper Manufacturing; Chemicals Manufacturing; Government and Commercial Facilities; and Other Industrial Facilities. Groups required to begin reporting in 2012: Electronics manufacturing; Fluorinated gas production; Magnesium production; Petroleum and natural gas systems; Use of electric transmission and distribution equipment; Underground coal mines; Industrial wastewater treatment; Geologic sequestration of carbon dioxide; Manufacture of electric transmission and distribution; Industrial waste landfills; Underground injection of carbon dioxide; Imports and exports of equipment pre-charged with fluorinated greenhouse gases or containing fluorinated greenhouse gases in closed-cell foams. At this time, EPA’s mandatory reporting requirements do not include emissions from agricultural soil management and enteric fermentation by livestock.

1. “Mandatory Reporting of Greenhouse Gases; *Final Rule*,” 74 Fed. Reg. 56260 (October 30, 2009); [Final Rule](#) (260 pages)
2. “Mandatory Reporting of Greenhouse Gases From Magnesium Production, Underground Coal Mines, Industrial Wastewater Treatment, and Industrial Waste Landfills; *Final Rule*,” 75 Fed. Reg. 39736-39777 (July 12, 2010); [Final Rule](#) (42 pages)
3. “Mandatory Reporting of Greenhouse Gases,” 75 Fed. Reg. 57669-57686 (Sept. 22, 2010); [Final Rule](#) (18 pages)
4. *Mandatory Reporting of Greenhouse Gases*,” 75 Fed. Reg. 66434-66479 (Oct. 28, 2010); [Final Rule](#) (46 pages)
5. “Mandatory Reporting of Greenhouse Gases: Petroleum and Natural Gas Systems,” 75 Fed. Reg. 74458-74515 (Nov. 30, 2010); [Final Rule](#) (58 pages)
6. “Mandatory Reporting of Greenhouse Gases: Additional Sources of Fluorinated GHGs,” 75 Fed. Reg. 74774-74861 (Dec. 1, 2010); [Final Rule](#) (88 pages)
7. “Mandatory Reporting of Greenhouse Gases: Injection and Geologic Sequestration of Carbon Dioxide,” 75 Fed. Reg. 75060-75089 (Dec. 1, 2010); [Final Rule](#) (30 pages)
8. “Mandatory Reporting of Greenhouse Gases,” 75 Fed. Reg. 79092-79171 (Dec. 17, 2010) [Final Rule](#) (80 pages)

9. *"Interim Final Regulation Deferring the Reporting Date for Certain Data Elements Required Under the Mandatory Reporting of Greenhouse Gases Rule,"* 75 Fed. Reg. 81338-81347 (Dec. 27, 2010); [Interim Final Rule](#) (10 pages)
10. *"Final Regulation Extending the Reporting Deadline for Year 2010 Data Elements Required Under the Mandatory Reporting of Greenhouse Gases Rule,"* 76 Fed. Reg. 14812-14818 (March 18, 2011); [Final Rule](#) (7 pages)
11. *Mandatory Reporting of Greenhouse Gases: Petroleum and Natural Gas Systems,"* 76 Fed. Reg. 22825-22827 (April 25, 2011); [Final Rule](#) (3 pages)
12. *"Confidentiality Determinations for Data Required Under the Mandatory Greenhouse Gas Reporting Rule and Amendments to Special Rules Governing Certain Information Obtained Under the Clean Air Act,"* 76 Fed. Reg. 30782-30818 (May 26, 2011); [Final Rule](#) (37 pages)
13. *"Mandatory Reporting of Greenhouse Gases: Additional Sources of Fluorinated GHGs: Extension of Best Available Monitoring Provisions for Electronics Manufacturing,"* 76 Fed. Reg. 36339-36342 (June 22, 2011); [Final Rule](#) (4 pages)
14. *"Change to the Reporting Date for Certain Data Elements Required Under the Mandatory Reporting of Greenhouse Gases Rule,"* 76 Fed. Reg. 53057-53071 (Aug. 25, 2011); [Final Rule](#) (15 pages)
15. *"Mandatory Reporting of Greenhouse Gases: Petroleum and Natural Gas Systems: Revisions to Best Available Monitoring Method Provisions,"* 76 Fed. Reg. 59533-59541 (Sept. 27, 2011); [Final Rule](#) (9 pages)
16. *"Mandatory Reporting of Greenhouse Gases: Changes to Provisions for Electronics Manufacturing To Provide Flexibility,"* 76 Fed. Reg. 59542-59551 (Sept. 27, 2011); [Final Rule](#) (10 pages)
17. *"Special Rules Governing Certain Information Obtained Under the Clean Air Act: Technical Correction,"* 76 Fed. Reg. 64010 -64015 (Oct. 17, 2011); [Direct Final Rule](#) (6 pages)
18. *"Mandatory Reporting of Greenhouse Gases,"* 76 Fed. Reg. 73886-73910 (Nov. 29, 2011); [Final Rule](#) (25 pages)
19. *"Mandatory Reporting of Greenhouse Gases: Technical Revisions to the Petroleum and Natural Gas Systems Category of the Greenhouse Gas Reporting Rule,"* 76 Fed. Reg. 80554-80595 (Dec. 23, 2011); [Final Rule](#) (42 pages)
20. *"Mandatory Reporting of Greenhouse Gases, Technical Corrections, Clarifying and Other Amendments,"* 76 Fed. Reg. 73886-73910 (Nov. 29, 2011); [Final Rule](#) (25 pages)
21. *"Proposed Confidentiality Determinations for Data Elements Under the Mandatory Reporting of Greenhouse Gases Rule,"* 77 Fed. Reg. 1434-1451 (Jan. 10, 2012); [Proposed Rule](#) (19 pages)
22. *"Greenhouse Gas Reporting Program: Electronics Manufacturing: Revisions to Heat Transfer Fluid Provisions,"* 77 Fed. Reg. 10373-10381 (Feb. 22, 2012); [Final Rule](#) (9 pages)
23. *"Mandatory Reporting of Greenhouse Gases Rule: Confidentiality Determinations and Best Available Monitoring Methods Provisions,"* 77 Fed. Reg. 10434-10450 (Feb. 22, 2012); [Proposed Rule](#) (17 pages)

24. *“Proposed Confidentiality Determinations for the Petroleum and Natural Gas Systems Source Category, and Amendments to Table A-7, of the Greenhouse Gas Reporting Rule,”* 77 Fed. Reg. 11039-11061 (Feb. 24, 2012); [Proposed Rule](#) (23 pages)

25. *“Final Confidentiality Determinations for Regulations Under the Mandatory Reporting of Greenhouse Gases Rule,”* 77 Fed. Reg. 48072-48089 (Aug. 13, 2012); [Final Rule](#) (18 pages)

Additional EPA Links: [Fact Sheet](#)

26. *“2012 Technical Corrections, Clarifying and Other Amendments to the Greenhouse Gas Reporting Rule, and Proposed Confidentiality Determinations for Certain Data Elements of the Fluorinated Gas Source Category,”* 77 Fed. Reg. 51477-51495 (Aug. 24, 2012); [Final Rule](#) (19 pages)

Additional EPA Links: see also [Fact Sheet](#)

27. *“Greenhouse Gas Reporting Program: Proposed Amendments and Confidentiality Determinations for Subpart I; Proposed Rule,”* 77 Fed. Reg. 63538-63601 (Oct. 16, 2012); [Proposed Rule](#) (64 pages)

Additional EPA Links: [Fact Sheet](#)

28. *“Greenhouse Gas Reporting Rule: Revision to Best Available Monitoring Method Request Submission Deadline for Petroleum and Natural Gas Systems Source Category,”* 78 Fed. Reg. 11619-11620 (Feb. 19, 2013); [Proposed Rule](#) (2 pages)

Additional EPA Links: [Fact Sheet](#); [Cost Burden Memorandum](#)

29. *“Greenhouse Gas Reporting Rule: Revision to Best Available Monitoring Method Request Submission Deadline for Petroleum and Natural Gas Systems Source Category,”* 78 Fed. Reg. 11585-11590 (Feb. 19, 2013); [Direct Final Rule](#) (5 pages)

Additional EPA Links: [Fact Sheet](#); [Cost Burden Memorandum](#)